

# Technical Specification



Gasketed plate-and-frame heat exchanger

Date: **Wednesday, January 22, 2025**

Type: **M3-FG-44H**  
Article number: **M3-FG-44H-  
316-0.5-NBRB-  
ISO R1 ¼ PED**

Alfa Laval Industrial line are gasketed plate-and-frame heat exchangers available in a variety of designs suitable for practically all types of industrial application for heating and cooling. A large product range and flexible configuration makes it possible to get a good fit for the applications. The units have high energy efficiency, easy installation and are easy to open for inspection and cleaning.

The Alfa Laval Industrial line Gasketed plate-and-frame heat exchangers are produced in accordance with the quality management system ISO 9001, the environmental management system ISO 14001 and the European Pressure Equipment Directive 2014/68/EC. AutoCAD drawings, 3D models and accessories are available as options.

Capacity (kW): **100 kW**  
Temp primary side (°C): **50 → 40 °C**  
Temp. secondary side water **15 → 45 °C**  
(°C):  
Flow rate primary side (m<sup>3</sup>/h): **8,7 m<sup>3</sup>/h**  
Flow rate secondary side water **2,9 m<sup>3</sup>/h**  
(m<sup>3</sup>/h):  
Max. Pressure Drop (kPa): **50/30 kPa**